KVR400D2D4R3K2/8G

8GB (4GB 512M x 72-Bit x 2 pcs.) DDR2-400 CL3 Registered 240-Pin ECC DIMM Kit

DESCRIPTION:

ValueRAM's KVR400D2D4R3K2/8G is a kit of two 512M x 72-bit 4GB (4096MB) DDR2-400 CL3 SDRAM (**S**ynchronous **DRAM**) "dual rank" registered ECC memory modules.Total kit capacity is 8GB (8192MB). The components on each module include eighteen stacked 512M x 4-Bit (thirty-six 256M x 4-bit) DDR2-400 SDRAM. Each 240-pin DIMM uses gold contact fingers and requires +1.8V. The electrical and mechanical specifications are as follows:

FEATURES:

☑ Clock Cycle Time (tCK) CL=3	5ns (min.) / 8ns (max.)
☑ Row Cycle Time (tRC)	55ns (min.)
☑ Refresh to Active/Refresh Command Time (tRFC)	105ns
☑ Row Active Time (tRAS)	40ns (min.) / 70,000ns (max.)
☑ Single Power Supply of	+1.8V (+/- .1V)
☑ Power	5.310 W (operating per module)
☑ UL Rating	94 V - 0

Note: The module defined in this data sheet is one of several configurations available under this part number. While all configurations are compatible, the DRAM combination and/or the module height may vary from what is described here. However, in no configuration will the module height exceed 1.250" (31.75mm).

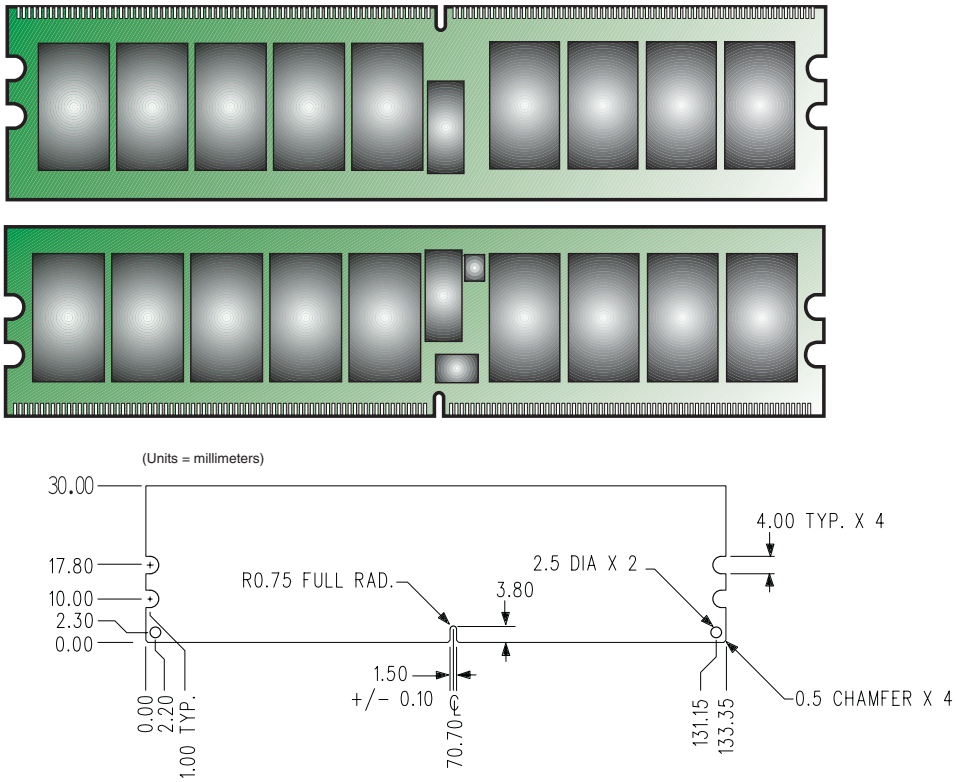

Figure 1: KVR400D2D4R3K2/8G 240-Pin DIMM